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TELECOPY COVER SHEET

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Date: March 28, 2002

TO: **Name:** Examiner Enrique L. Santiago
Company: Group No. 2671
United States Patent and Trademark Office
Address: Washington, DC 20231
Telephone: (703) 306-5908
Fax: (703) 872-9314

FROM: **Sender:** Joseph B. Milstein, Reg. No. 42,897
Direct Telephone/Fax: (617) 248-7695/(617) 790-0204
Number of Pages INCLUDING This Cover Sheet: 31
Client: 7862/10

Comments:

Attached is an Amendment and Response and accompanying filing papers for USSN 09/347,637 as indicated on the Certificate of Facsimile Transmission.

2327778

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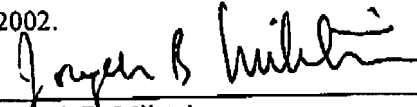
PATENT
Attorney Docket No. SNS-0062P1

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT(S): Shih et al.
 SERIAL NO.: 09/347,637 GROUP NO.: 2671
 FILING DATE: July 6, 1999 EXAMINER: E.L. Santiago
 TITLE: SYSTEMS AND METHODS FOR SCULPTING VIRTUAL OBJECTS
 IN A HAPTIC VIRTUAL REALITY ENVIRONMENT

CERTIFICATE OF FACSIMILE TRANSMISSION

I hereby certify that this correspondence, and any document(s) referred to as attached hereto, is/are being transmitted to the United States Patent and Trademark Office, Facsimile No. (703) 872-9314 on this 28th day of March, 2002.



 Joseph B. Milstein

Attached hereto is/are:

1. Transmittal Form (1 page);
2. 2 copies of Fee Transmittal Form (1 page each);
3. Amendment and Response, totalling 25 pages including clean copy of pending claims and a copy of each amended claim in marked-up form;
4. Petition for Extension of Time Under 37 CFR 1.136(a) (1 page); and
5. a Facsimile Cover Sheet (1 page)

VER 9/00
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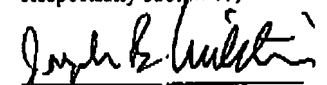
TRANSMITTAL FORM	Application Serial Number	09/347637
	Filing Date	July 6, 1999
	First Named Inventor	Shih
	Group Art Unit	2671
	Examiner Name	E.L. Santiago
	Attorney Docket No.	SNS-006CP1

ENCLOSURES (check all that apply)		
<input checked="" type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Check Attached <input checked="" type="checkbox"/> Copy of Fee Transmittal Form <input checked="" type="checkbox"/> Amendment/Response totaling 25 pages including clean copy of pending claims and a copy of each amended claim in marked-up form <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Letter to Official Draftsperson including Drawings [Total Sheets] <input checked="" type="checkbox"/> Extension of Time Request <input type="checkbox"/> Information Disclosure Statement Form PTO-1449 <input type="checkbox"/> Copies of IDS Citations <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/Incomplete Application	<input type="checkbox"/> Copy of Notice to File Missing Parts of Application (PTO-1553) <input type="checkbox"/> Formal Drawing(s) <input type="checkbox"/> Petition Routing Slip (PTO/SB/69) and Accompanying Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney (Revocation of Prior Powers) <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Executed Declaration and Power of Attorney for Utility or Design Patent Application <input type="checkbox"/> Small Entity Statement <input type="checkbox"/> Request for Refund <input type="checkbox"/> After Allowance Communication to Group	<input type="checkbox"/> Appeal Communication to Board of Patent Appeals and Interferences <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Status Letter <input type="checkbox"/> Return Receipt Postcard <input type="checkbox"/> Certificate of First Class Mailing under 37 C.F.R. 1.8 <input checked="" type="checkbox"/> Additional Enclosure(s) (please identify below) Certificate of Facsimile Transmission (page)

CORRESPONDENCE ADDRESS

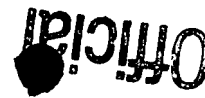
Direct all correspondence to: Patent Administrator
 Testa, Hurwitz & Thibault, LLP
 High Street Tower
 125 High Street
 Boston, MA 02110
 Tel. No.: (617) 248-7000
 Fax No.: (617) 248-7100

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Respectfully submitted,

 Joseph B. Mills
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 Testa, Hurwitz & Thibault, LLP
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 125 High Street
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Date: March 28, 2002
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 Tel. No.: (617) 248-7695
 Fax No.: (617) 248-7100

2323663_1



FEE TRANSMITTAL FY 2002	<i>Complete if Known</i>	
	Application Serial Number	09/347,637
	Filing Date	July 6, 1999
	First Named Inventor	Shih
	Group Art Unit	2671
	Examiner Name	E.L. Santiago
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METHOD OF PAYMENT	FEE CALCULATION (continued)																																																																																		
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2. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to credit or charge any fee indicated below for this submission to Deposit Account No. 20-0531. <input checked="" type="checkbox"/> Required Fees (copy of this sheet enclosed). <input checked="" type="checkbox"/> Additional fee required under 37 CFR 1.16 and 1.17. <input checked="" type="checkbox"/> Overpayment Credit.	<table border="1"> <tr> <th>Large Entity Fee (\$)</th> <th>Small Entity Fee (\$)</th> <th>Fee Description</th> <th>Fee Paid</th> </tr> <tr> <td>130</td> <td>65</td> <td>Surcharge - late filing fee or oaat</td> <td></td> </tr> <tr> <td>50</td> <td>25</td> <td>Surcharge - late provisional fillin g fee or cover sheet</td> <td></td> </tr> <tr> <td>130</td> <td>130</td> <td>Non-English specification</td> <td></td> </tr> <tr> <td>2,520</td> <td>2,520</td> <td>Request for ex parte reexamination</td> <td></td> </tr> <tr> <td>110</td> <td>55</td> <td>Extension for reply within first month</td> <td>55.00</td> </tr> <tr> <td>400</td> <td>200</td> <td>Extension for reply within second month</td> <td></td> </tr> <tr> <td>920</td> <td>460</td> <td>Extension for reply within third month</td> <td></td> </tr> <tr> <td>1440</td> <td>720</td> <td>Extension for reply within fourth month</td> <td></td> </tr> <tr> <td>1960</td> <td>980</td> <td>Extension for reply within fifth month</td> <td></td> </tr> <tr> <td>320</td> <td>160</td> <td>Notice of Appeal</td> <td></td> </tr> <tr> <td>320</td> <td>160</td> <td>Filing a brief in support of an appeal</td> <td></td> </tr> <tr> <td>280</td> <td>140</td> <td>Request for oral hearing</td> <td></td> </tr> <tr> <td>130</td> <td>130</td> <td>Petitions to the Commissioner</td> <td></td> </tr> <tr> <td>180</td> <td>180</td> <td>Submission of Information Disclosure Statement</td> <td></td> </tr> <tr> <td>740</td> <td>370</td> <td>Filing a submission after final rejection (37 CFR 1.129(a))</td> <td></td> </tr> <tr> <td>740</td> <td>370</td> <td>For each additional invention to be examined (37 CFR 1.129(b))</td> <td></td> </tr> <tr> <td>100</td> <td>100</td> <td>Certificate of Correction for applicant's error</td> <td></td> </tr> <tr> <td></td> <td></td> <td>Other fee (Specify)</td> <td></td> </tr> <tr> <td></td> <td></td> <td>Other fee (Specify)</td> <td></td> </tr> </table>	Large Entity Fee (\$)	Small Entity Fee (\$)	Fee Description	Fee Paid	130	65	Surcharge - late filing fee or oaat		50	25	Surcharge - late provisional fillin g fee or cover sheet		130	130	Non-English specification		2,520	2,520	Request for ex parte reexamination		110	55	Extension for reply within first month	55.00	400	200	Extension for reply within second month		920	460	Extension for reply within third month		1440	720	Extension for reply within fourth month		1960	980	Extension for reply within fifth month		320	160	Notice of Appeal		320	160	Filing a brief in support of an appeal		280	140	Request for oral hearing		130	130	Petitions to the Commissioner		180	180	Submission of Information Disclosure Statement		740	370	Filing a submission after final rejection (37 CFR 1.129(a))		740	370	For each additional invention to be examined (37 CFR 1.129(b))		100	100	Certificate of Correction for applicant's error				Other fee (Specify)				Other fee (Specify)			
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CORRESPONDENCE ADDRESS	SIGNATURE BLOCK
Direct all correspondence to: Patent Administrator Testa, Hurwitz & Thibault, LLP High Street Tower-125 High Street Boston, MA 02110 Tel. No.: (617) 248-7000 Fax No.: (617) 248-7100	Date: March 28, 2002 Reg. No.: 42,897 Tel. No.: (617) 248-7695 Fax No.: (617) 248-7100 Respectfully submitted Joseph B. Milstein Attorney for the Applicants Testa, Hurwitz & Thibault, LLP High Street Tower-125 High Street Boston, MA 02110

2323711_1

FEE TRANSMITTAL FY 2002	<i>Complete if Known</i>	
	Application Serial Number	09/347,637
	Filing Date	July 6, 1999
	First Named Inventor	Shih
	Group Art Unit	2671
	Examiner Name	E.L. Santiago
Attorney Docket No.	SNS-006CP1	

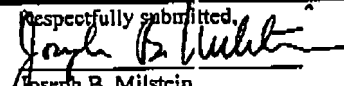
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FEE CALCULATION					
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		TOTAL:			
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		SUBTOTAL (1)		(\$)	

2. AMENDMENT CLAIM FEES				
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Total 36	- 34 =	2	x \$ 18.00 =	36.00
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				SUBTOTAL (2) (\$)

SUBTOTAL (3)	(\$)	55.00
SUBTOTAL (1)	(\$)	55.00
SUBTOTAL (2)	(\$)	18.00
SUBTOTAL (3)	(\$)	73.00

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 Respectfully submitted,

 Joseph B. Milstein
 Attorney for the Applicants
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